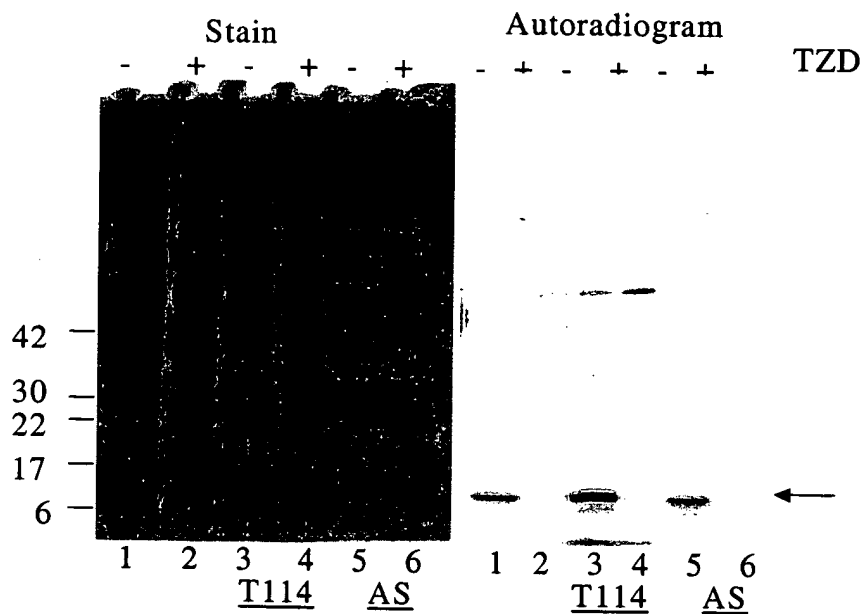


# Figure 1



# Figure 2

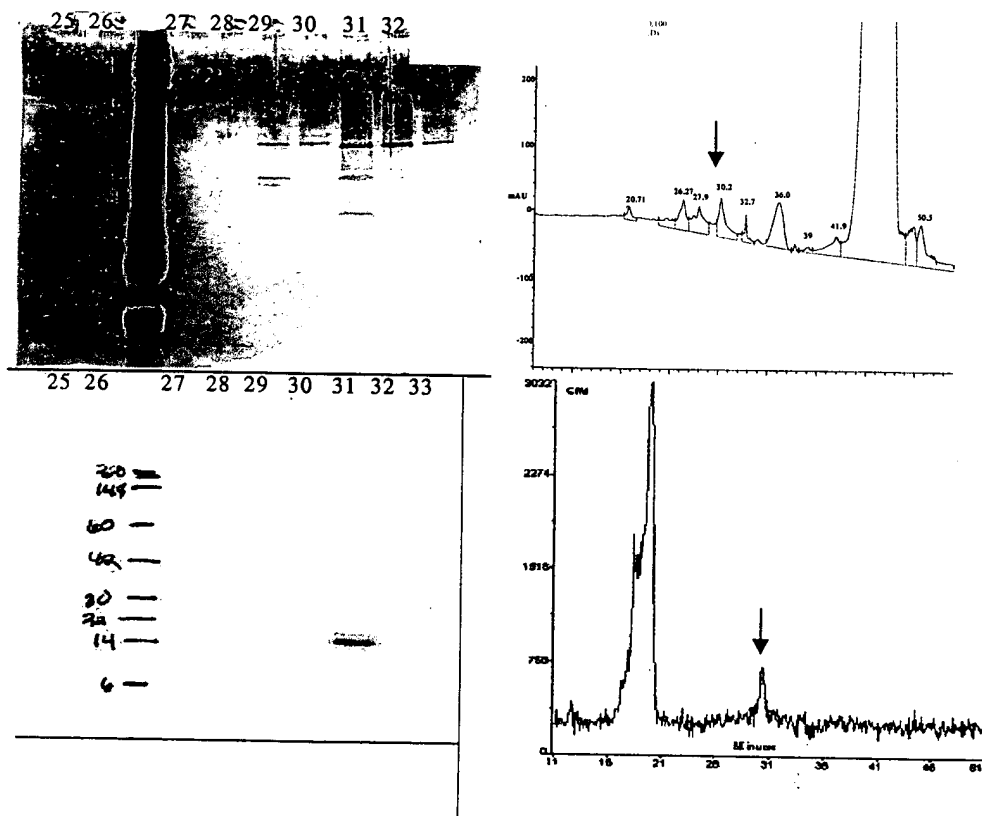
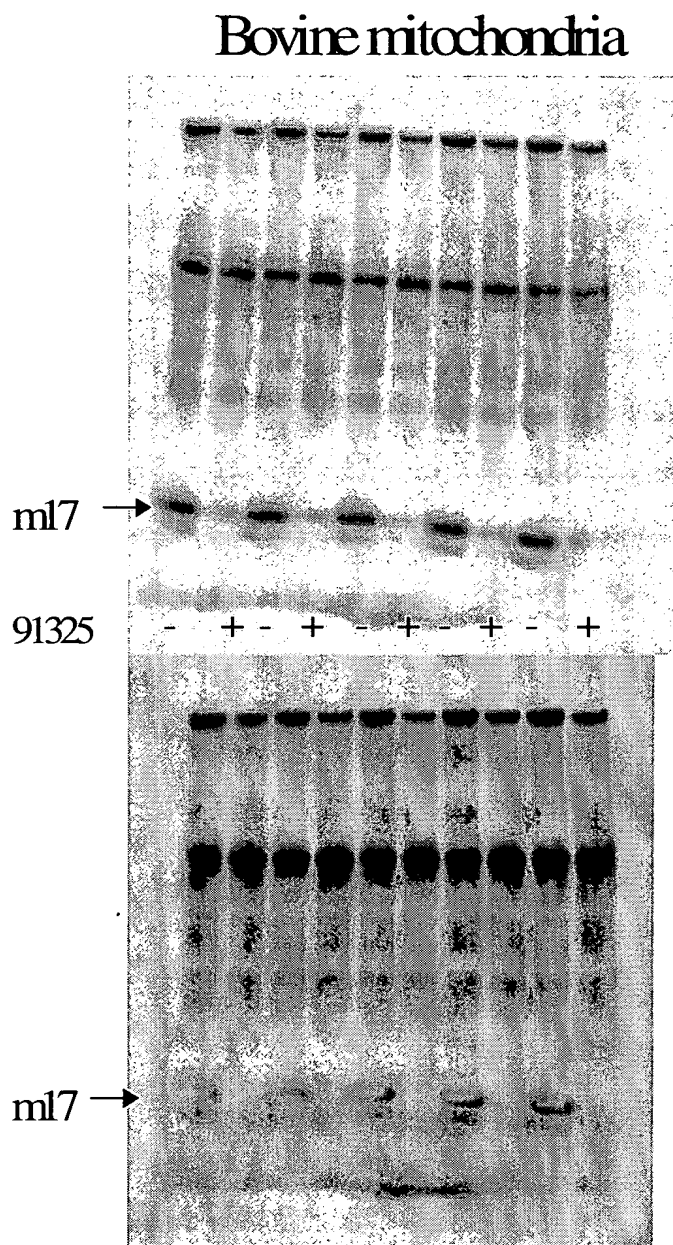


Figure 3



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## Figure 4

### From rat liver

Match to gill5488774: (BC013522) Similar to uncharacterized hematopoietic stem/progenitor

Cells protein MDS029 [Mus muscu

Taxonomy: Mus Musculus

Links to retrieve other entries containing this sequence from NCB1 Entrez:

gill18043717 from Homo sapiens

gill18314532 from Mus musculus

Nominal mass of protein ( $M_r$ ): 12260

NCB1 BLAST search of gill5488774 against nr

Calculated pI value: 9.17

Matched peptides shown in **Bold**

```
1      MGLSSNSAVR VEWIAAVTFA AGTAALGYLA YKKFYAKENR TKAMVNLQIQ
51     KDNPKVVHAF DMEDLGDKAV YCRCWRSKKF PFCDDGAHIKH NEETGDNVGP
101    LIKKKET
```

### From Bovine Brain Mitochondria

E: \120601001.pkl

Database : NCBInr 112901 (808320 sequences; 256891604 residues)

Timestamp : 7 Dec 2001 at 13:03:29 GMT

Match to gill5488774 : (BC013522) Similar to uncharacterized hematopoietic stem/progenitor  
cells protein MDS029 Mus musculus

Links to retrieve other entries containing this sequence from NCB1 Entrez:

gill18043717 from Homo sapiens

gill18314532 from Mus musculus

Nominal mass of protein ( $M_r$ ): 12260

NCB1 BLAST search of gill5488774 against nr

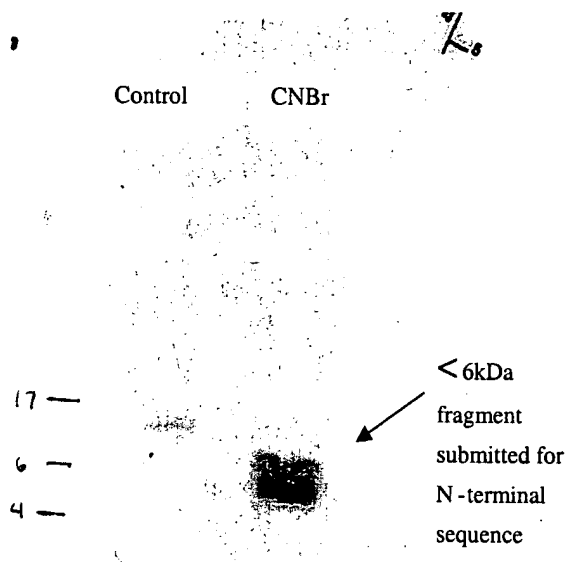
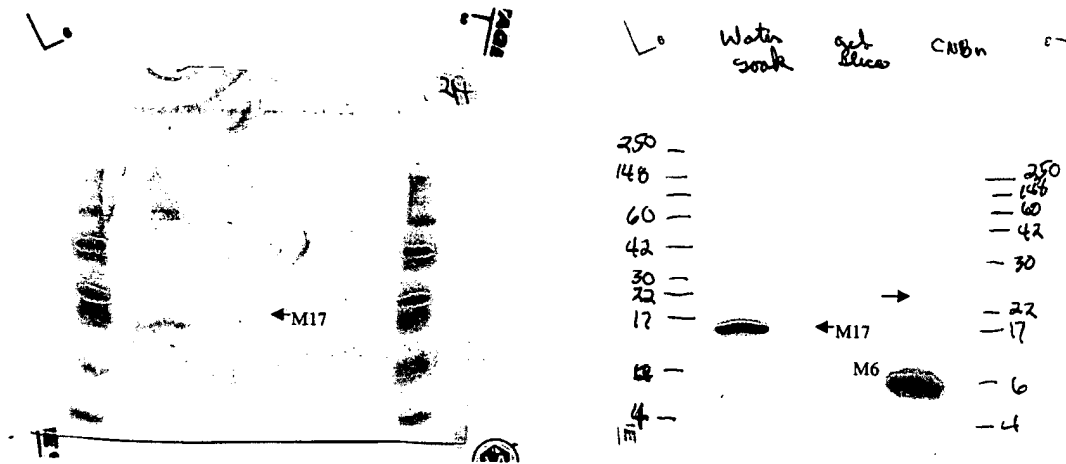
Calculated pI value: 9.17

Matched peptides shown in **Bold**

```
1      MGLSSNSAVR VEWIAAVTFA AGTAALGYLA YKKFYAKENR TKAMVNLQIQ
51     KDNPKVVHAF DMEDLGDKAV YCRCWRSKKF PFCDDGAHIKH NEETGDNVGP
101    LIKKKET
```

# Figure 5

## Cyanogen Bromide Digestion of M17 B3/B4 Membranes



MXXLXXKAVYXR  
MEDLGDKAVYCR

N-terminal sequence  
from MS/MS

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## Figure 6

### A

Peptide A (42-57)	CGGKAMVNLQIQKDNPKVV	SEQ ID NO:7
Peptide B (55-72)	KDNKVVHAFDMEDLGDKAV	SEQ ID NO:8
Peptide C (91-108)	CGGNEETGDNVGPLIIKKKET	SEQ ID NO:9

### B

1 50

MSMT SSVR VEWIAAVTIA AGTAAIGYLA YKRFYVKDHR NKSMINPHIQ  
MSLTSSSSVR VEWIAAVTIA AGTAAIGYLA YKRFYVKDHR NKAMINLHIQ  
MGLSSNSAVR VEWIAAVTFA AGTAALGYLA YKKFYAKENR TKAMVNLQIQ

51 100

KDNPKVVHAF DMEDLGDKAV YCRCWRSKKF PLCDGSHTKH NEETGDNVGP  
KDNPKIVHAF DMEDLGDKAV YCRCWRSKKF PFCDGAHTKH NEETGDNVGP  
KDNPKVVHAF DMEDLGDKAV YCRCWRSKKF PFCDGAHIKH NEETGDNVGP

101

LIKKKDT	SEQ ID NO:4	BOVINE
LIKKKET	SEQ ID NO:5	HUMAN
<u>LIKKKET</u>	SEQ ID NO:6	MURINE

### C

MGLSSNSAVR VEWIAAVTFA AGTAALGYLA YKKFYAKENR TKAMVNLQIQ  
KDNPKVVHAF DMEDLGDKAV YCRCWRSKKF PFCDGAHIKH NEETGDNVGP  
LIKKKET SEQ ID NO:6

Figure 7

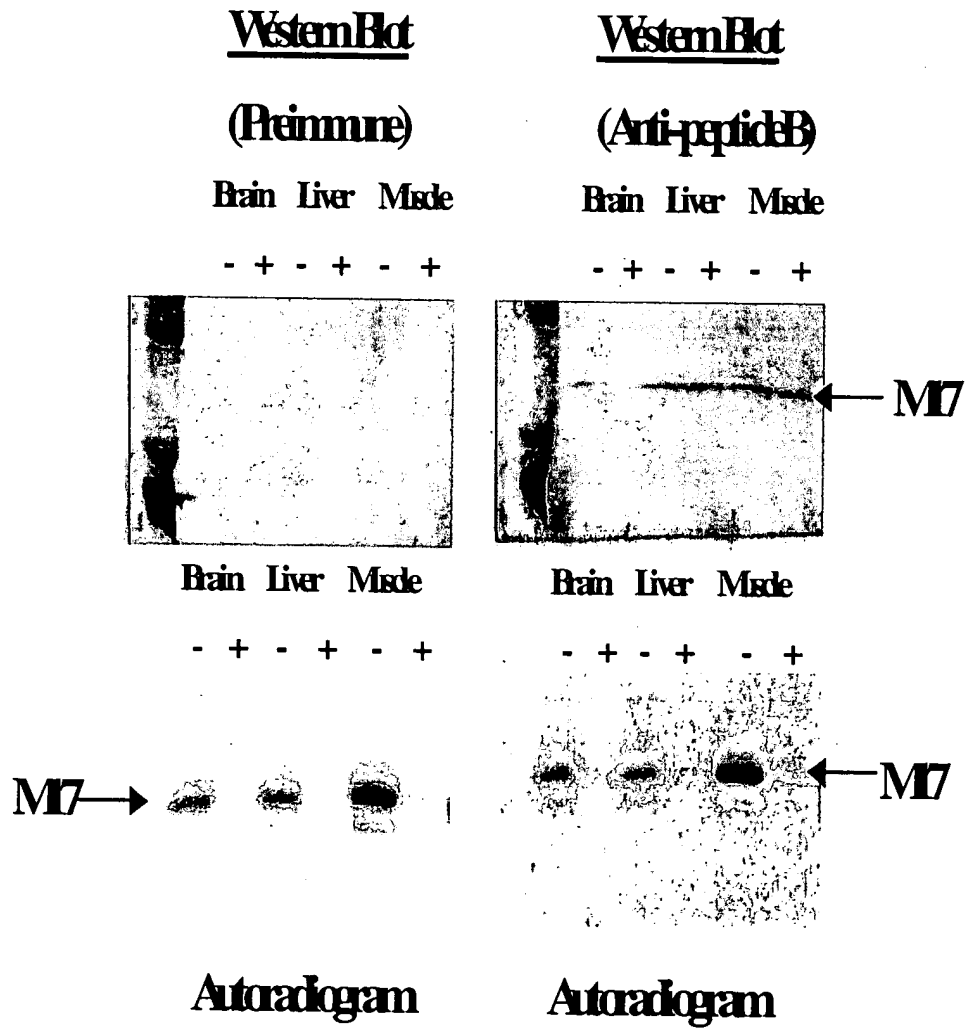
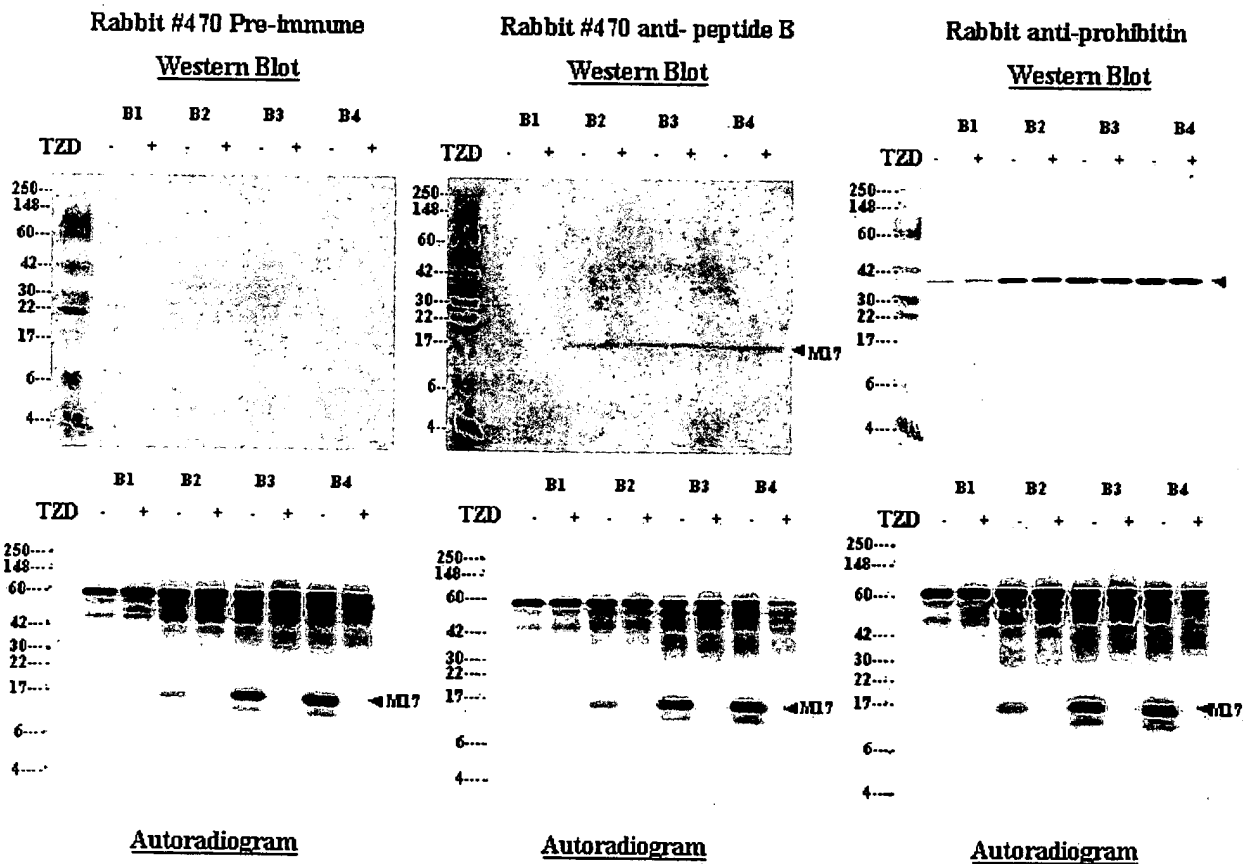
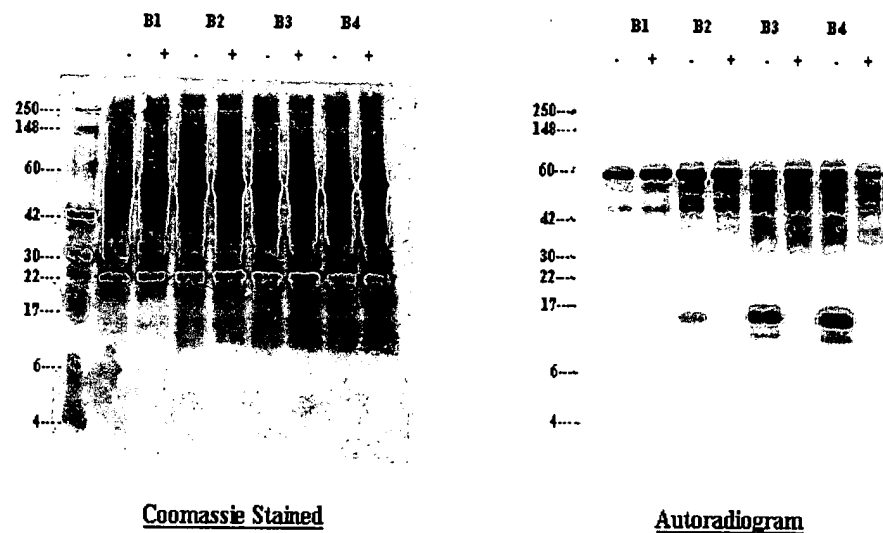


Figure 8



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Figure 9.

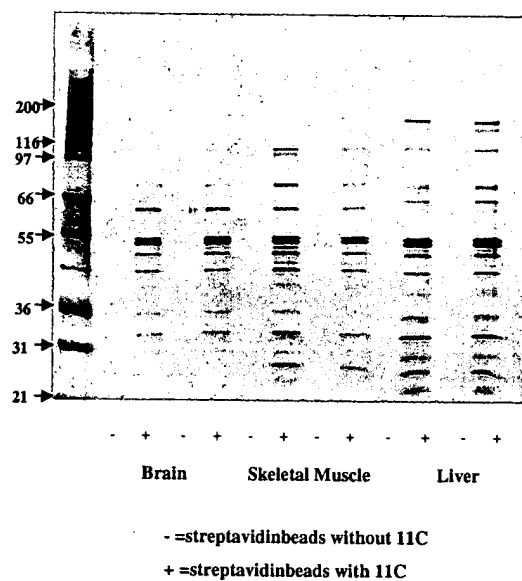
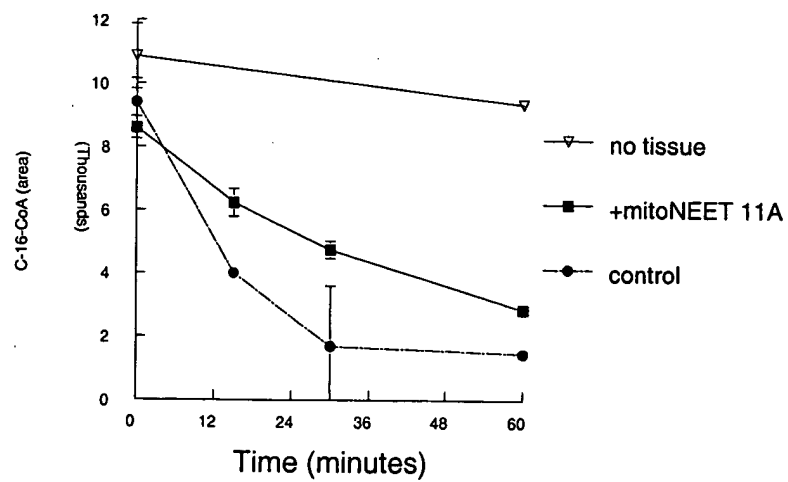


Figure 10



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# Figure 11

